

information item (further specifying the equipment rack and shelf in which the slot is found as well as slot ID info). As further shown, a data association may also be created to link the test run 466 to the result table 430 in order to keep track of which test run a particular result belongs to.

5 Figure 15 also illustrates information items that may be included within the product table 410. Namely, the product table 410 may include a product data entity 414 (e.g. including product ID, product name, product group ID, product description, product part number, product line, etc), a product line data entity (e.g. further specifying the product line information such as ID, name and description), and a product group information item 412 (e.g. further specifying details of the product group such as ID and description). As shown, 10 the product line data entity 416 is associated with the product information data entity 414 which, in turn, is associated with the product group data entity 412. Moreover, a data association may also link the product group information data entity 412 and the result table data entity 430 via the product-result map 420.

15 An important aspect of the inventive database 400 is that it is a product oriented database. In other words, the data entities and their mutual data relationships revolve around the product being subjected to the stress test. In this way the stress test results may be associated with the various products, the test results may be mapped against product-specific test criteria, and generic commands may be translated to product-specific commands. Other 20 functionalities enabled by the inventive database 400 include parsing incoming data from the different products and test equipment into a consistent and easily-usable format.

Another important aspect is the modularity of the virtual oven system and database. When a new product must be tested it is a relatively simply matter to update the database 40

and extend the system to be able to stress test such a new product. For example, the new product may be simply entered in the product data entity 414. Similarly, new test equipment may be added to the AMS system by updating the equipment table 520.

The invention being thus described, it will be obvious that the same may be varied in
5 many ways. Such variations are not to be regarded as departure from the spirit and scope of
the invention, and all such modifications as would be obvious to one skilled in the art are
intended to be included within the scope of the following claims.

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